

Name _____

Dividing Fractions

P 5-6

Write the reciprocal for each fraction or number.

1. 5 _____ 2. $\frac{7}{12}$ _____ 3. $\frac{16}{20}$ _____

Find each quotient. Simplify if possible.

4. $8 \div \frac{1}{5} =$ _____ 5. $\frac{1}{2} \div \frac{1}{3} =$ _____ 6. $\frac{3}{4} \div 12 =$ _____

7. $\frac{3}{5} \div \frac{7}{8} =$ _____ 8. $20 \div \frac{4}{9} =$ _____ 9. $\frac{9}{10} \div \frac{5}{6} =$ _____

10. $\frac{13}{16} \div \frac{1}{4} =$ _____ 11. $\frac{4}{7} \div 8 =$ _____ 12. $3 \div \frac{1}{5} =$ _____

13. **Reasoning** Will the quotient of $5 \div \frac{7}{8}$ be greater than 5?
Explain.

14. Louis has $7\frac{1}{2}$ ft of red ribbon. How many red bows can he make using $\frac{3}{4}$ ft pieces of ribbon for each bow? _____

15. Debra has 14 ft of silver ribbon. How many silver bows can she make using $\frac{2}{3}$ ft pieces of ribbon for each bow? _____

Test Prep

16. Find $\frac{1}{2} \div \frac{7}{8}$.

A. $\frac{3}{5}$

B. $\frac{3}{7}$

C. $\frac{4}{5}$

D. $\frac{4}{7}$

17. **Writing in Math** Explain how you would find the quotient of $\frac{2}{3}$ and $\frac{3}{4}$.
